

High-Temperature Hookup Wire

Product Facts

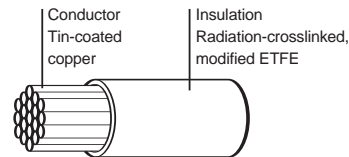
- UL rated operating temperature to 200°C [392°F]
- Exceptional chemical resistance
- Thin-wall, for size and weight savings
- Tough fluoropolymer insulation material
- Excellent stripping and handling
- Variety of constructions and colors
- Crosslinked to minimize cold flow
- VW-1 flammability rating
- 600 V rating

FlexLite HT



Applications

FlexLite HT (FLHT) wire is the product of choice for high-temperature applications. It offers shop-handling advantages over silicone/ fiberglass constructions (SF1/SF2) and is cost-competitive with other fluoropolymer wire. Applications include halogen lights and small high-end appliances where space and temperature are issues.



Available in:	Americas	Europe	Asia Pacific
	■	■	■

FlexLite HT (Continued)

Specifications/Approvals

Series	UL	CUR	CSA	Raychem
HT	Style 3557 Flammability VW-1 Temperature rating 200°C [392°F]	Recognized	Certified AWMIA/B	WCD-3106

Construction Details

Part No.	Wire Size (AWG)	Conductor Stranding (No. x AWG)	Nominal Diameter mm [inch]	Finished Wire Maximum Resistance at 20°C (68°F) Ω/km [Ω /1000 ft]	Diameter			Nominal Weight in kg/km [lb/1000 ft]
					Minimum mm [inch]	Nominal mm [inch]	Maximum mm [inch]	
FLHTC0311-26*	26	19 x 38	.470 [.0185]	132 [40.1]	.765 [.0301]	.800 [.0315]	.836 [.0329]	1.89 [1.27]
FLHTC0311-24*	24	19 x 36	.597 [.0235]	83.3 [25.4]	.892 [.0351]	.927 [.0365]	.963 [.0379]	2.75 [1.85]
FLHTC0311-22*	22	19 x 34	.749 [.0295]	52.2 [15.9]	1.04 [.0411]	1.08 [.0425]	1.12 [.0439]	4.08 [2.74]
FLHTC0311-20*	20	19 x 32	.953 [.0375]	32.0 [9.76]	1.25 [.0491]	1.28 [.0505]	1.32 [.0519]	6.21 [4.17]
FLHTC0311-18*	18	19 x 30	1.18 [.0465]	20.4 [6.22]	1.48 [.0583]	1.52 [.0600]	1.57 [.0617]	9.43 [6.34]
FLHTC0311-16*	16	19 x 29	1.33 [.0525]	15.8 [4.82]	1.67 [.0656]	1.71 [.0675]	1.76 [.0694]	12.0 [8.09]
FLHTC0311-14*	14	19 x 27	1.68 [.0660]	10.0 [3.05]	2.03 [.0799]	2.08 [.0820]	2.14 [.0841]	18.6 [12.5]
FLHTD0311-12*	12	37 x 28	2.16 [.0850]	6.59 [2.01]	2.50 [.0984]	2.57 [.1010]	2.63 [.1036]	28.7 [19.3]

Construction Details

Part No.	Nominal CSA (mm²)	Conductor Stranding No/Dia. (mm)	Diameter		Finished Wire Maximum Resistance at 20°C (68°F) (ohms/km)	Diameter			Nominal Weight (kg/km)
			(min.) mm [inch]	(max.) mm [inch]		Lower Spec. Limit mm [inch]	Target Value mm [inch]	Upper Spec. Limit mm [inch]	
FLHTC0311-0.25*	0.25	19/0.127	0.55 [.022]	0.63 [.025]	84.3	0.96 [.038]	1.00 [.039]	1.03 [.041]	2.95
FLHTC0311-0.35*	0.35	19/0.15	0.74 [.029]	0.76 [.030]	56.1	1.12 [.044]	1.16 [.046]	1.19 [.047]	4.22
FLHTC0311-0.50*	0.50	19/0.19	0.86 [.034]	0.88 [.035]	40.1	1.24 [.049]	1.27 [.050]	1.31 [.052]	5.59
FLHTC0311-0.75*	0.75	19/0.23	1.05 [.041]	1.08 [.043]	24.7	1.43 [.056]	1.47 [.058]	1.51 [.059]	7.95
FLHTC0311-1.00*	1.00	19/0.25	1.17 [.046]	1.26 [.050]	20.0	1.58 [.062]	1.62 [.064]	1.66 [.065]	9.85
FLHTC0311-1.50*	1.50	19/0.32	1.35 [.053]	1.58 [.062]	13.7	1.82 [.072]	1.87 [.074]	1.92 [.076]	15.69
FLHTC0311-2.00*	2.00	19/0.36	1.66 [.065]	1.79 [.070]	9.7	2.05 [.081]	2.10 [.083]	2.16 [.085]	18.67
FLHTC0311-2.50-	2.50	19/0.41	1.85 [.073]	2.01 [.080]	8.2	2.24 [.088]	2.31 [.091]	2.38 [.094]	24.62

* Replace asterisk with color code designator:
 0 = Black 3 = Orange 6 = Blue 9 = White
 1 = Brown 4 = Yellow 7 = Violet
 2 = Red 5 = Green 8 = Gray
 For example: FLHTC0311-22-9 = AWG 22, white.
 FLHTC0311-0.50-9 = Size 0.50mm², white.

For product requiring CUR (Canadian UL) or CSA marking in 14-10 AWG, 19 strand conductors only, the part numbering descriptions above DO NOT apply. Please contact Tyco Electronics for further information.